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You'll have to get here early to get them. They are included in our master assortment of high-priced shirts worth \$3 to \$15, which we are selling out—our last chance before inventory at \$1.45.

OTHER SPECIALS AT \$1.45.

- Choice of any Belt worth to \$3.
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- Dents Woollen Gloves, Scotch knit worth more than twice the price, 95c.

Choice of Suits and Overcoats

broken lines and assorted styles, as many for the big men as the small sizes — at a price which should clear what remains out to-morrow.

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Your choice of the best Overcoats in the Store. Values from \$55 to \$80.

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Your choice of the best fancy Tweed Suits

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McGILL WINS VICTORY IN CITY LEAGUE

Shamrocks Defeated Last Night at Arena.

SCORE: 4-1.

McGill Team-Work Best This Year.

McGill retained its chance of getting into the City League play-off when they defeated Shamrocks last night by the score of 4-1.

The brand of hockey offered by the Red and White squad was by far the best shown at any time this season. Their team-work showed immense improvement over their last appearance, and the men displayed much of their old-time form.

The play was not exceptionally brilliant, but at times a fast clip was maintained. Shamrocks showed signs of weariness after their Boston trip and did not measure up to their usual form. McGill took advantage of this and let Shamrocks do considerable rushing during the first period.

McGill tried out a new system of defence last night which was very successful. When the opposing forwards came down the ice, the McGill forwards dropped back on to the defence and waited for the Green shirts to approach. This system proved very effective both in breaking up the Shamrock combination and tiring them out.

Timmins put up a wonderful exhibition in goal and blocked shot after shot from all angles. The opposing goalie, the veteran Lukeman, played his usual cool game, but his eye is obviously not as sharp as it used to be.

More combination was used by the McGill forward line than in any previous game this year, and combined with their speed, at times played the Shamrock sextette off their feet. Lukeman's work alone, prevented the score from reaching larger dimensions.

Shamrock rushed the McGill net from the blow of the whistle and Timmins blocked several hard shots before Behan scored the first point in eight minutes. Shamrocks tried themselves out attacking the College net and towards the end of the period were showing signs of the pace.

The opening of the second period found McGill more on the offensive and Lukeman had an unpleasant time of it for several minutes. Six minutes after the start, in a scrimmage around the Shamrock goal, Cully poked the rubber in from a pass-out by Behan.

Timmins was stopping all kinds at this stage and saved many a sure goal. Play was rather fast, and speedy shots were directed on both nets, as the puck travelled from end to end. Shortly before the close of the period Goddard skated the length of the ice, passing the whole Shamrock net.

(Continued on Page 4.)

POL. ECONOMISTS GATHER ON MON.

Paper Will Be Read By J. C. Farthing.

The meeting of the McGill Political Economy Club which was to have been held on January tenth, but was unavoidably postponed, will take place on Monday, January thirty-first. The meeting place will be the Arts Smoking Room and the time eight o'clock in the evening.

A paper will be read by J. C. Farthing on the following subject: "The Council of Action and the Parliamentary Reform." This topic is one of interest, and moreover, of concern, to every student of political science at the University, and it is hoped that there will be a full attendance to give a representative hearing to the speakers. Drs. Leacock and Hemmion, it is expected will be present, and refreshments, provided by the kindness of the former, will be served.

At the open meeting of the club to be held in March, Mr. E. W. Beatty, president of the Canadian Pacific Railway, will lead the discussion. These open meetings at which anyone, college student or otherwise, are always attended by an eager, numerous and attentive audience.

What's On

TO-DAY.

1.30 p.m.—S. C. M. Executive meeting.
2.00 p.m.—Fancy Skating.
5.00 p.m.—Med. Dinner Committee.
5.00 p.m.—Hockey practices.
5.15 p.m.—Hockey: Arts '23 vs. Dentistry.
8.00 p.m.—University Lodge A.F. & A.M. Emergent meeting.
8.15 p.m.—High School Dance.
8.45 p.m.—Union House Dance—Formal.

COMING.

Jan. 29—C.O.T.C. Hockey at St. Johns.
Jan. 29—The Dansant at the R.V.C.
Jan. 29—Philosophical Club Executive Photo.
Jan. 31—Arts '23 Class Photograph.
Jan. 31—American Club.
Jan. 31—Western Club supper.
Feb. 1—Philosophical Society.
Feb. 1—B. W. and F. Elimination.
Feb. 2—B. W. and F. Elimination.
Feb. 2—Townships Dance.
Feb. 2—Ski Dash and Jumping trials.
Feb. 3—Cercle Francais.
Feb. 5—Ski Proficiency and Cross Country trials.
Feb. 5—Hockey: Varsity vs. McGill.
Feb. 7—Annual Dinner of Mechanical Club.
Feb. 8—Arch. Fancy Dress Ball.
Feb. 15—Hockey: Queens vs. McGill.

RINK SCENE OF Y.M.C.A. SOCIAL PARTY

Good Sized Crowd Turned Out.

REFRESHMENTS GIVEN.

Ice Was in Capital Condition For Skaters.

The second skating party of the season staged under the auspices of the McGill Y.M.C.A. went off with a bang last night. Seven-thirty saw the appearance on the rink of the "hurdy-gurdy" for the enjoyment of the skaters who soon filled the rink.

The weather was ideal for skating. Although it might have been slightly colder and worked no harm. Nevertheless the ice remained in good condition till the last, and even the most fastidious of skaters could find no fault with the condition of the ice under their feet. The music, needless to say, satisfied all requirements, and continued to issue in a steady stream from the organ, until the proceedings came to a close shortly after ten o'clock.

There were some hundred odd students circling the rink, which constituted almost a perfect crowd—that is perfect as far as total numbers is considered, but taking in one important aspect—there were lacking a sufficient body of representatives from the R.V.C.

At all times there could be seen lone males scouting around, eagerly seeking the sight of a fair co-ed sitting out—but, alas, their hopes were seldom realized, and they continued their solo. Ambulations: The committee in charge were disappointed at the failure of the women of the University to give their whole-hearted support.

At ten-fifteen the party tramped over en masse to Strathcona Hall, there to partake of the excellent refreshments provided by the authorities of the Hall. Miss Hurlbatt was present, as also Mr. McKay of Strathcona Hall. At eleven-thirty the merry-makers dispersed in the time-honored fashion—after the giving of the McGill Yell.

Those in charge, Hall, Simpson and Ross, desire to be heartily congratulated on their management of real live skating party.

C. O. T. C.

A challenge for a game of hockey to be played this week end has been received by the C.O.T.C. from "A" Squadron, R.C.D., and it is requested that all men of "A" Company who can play hockey will bring skates and hockey sticks with them to St. Johns on Saturday. It is requested that all who will be able to play will let B.S.M. Johnston, or their Troop Sgt. know before Friday night.

The sun rotates on its axis in about twenty-five days seven hours.

DECORATIONS FOR DANCE EXQUISITE

Effect of Massiveness in Ball Room.

DANCING, 8.45.

Several Cozy Sitting-Out Places on Two Floors.

At the time of going to press decorations for the Union House Dance were practically completed. The color-scheme carried out in meticulous detail by the committee, is red and white, and decorations have been concentrated in the sitting-out rooms rather than in the ball-room itself.

The dance-hall of the Union has not been over-decorated. As a result it presents an unusual effect of clean-cut brightness that will serve all the better to emphasize and throw out the colors of the ladies' costumes. The lights are covered with alternating red and white shades; the massive red and white thermometer at the end of the room has been coated with the same colors, while two huge Union Jacks are draped before the balcony—overhanging the floor. Otherwise the long walls are untouched. Even during the moonlight waltzes, when the only illumination in the hall will be a dim shimmer from a golden moon far up near the roof, the effect of vastness will not be lost. The one word that best fits the result of this decoration is "majestic."

On the other hand, the sitting-out nooks are masterpieces of coziness. The music room on the top floor, the reading, smoking and billiard rooms on the second floor and the small auxiliary billiard room have been fitted out with soft lights, settees, bunting and creped paper, generously but not oppressively distributed.

There will be two sittings for supper, one at eleven and one at twelve. Those arriving first will be given tickets for the first sitting unless they especially ask for second-sitting cards. Anyone desiring to exchange their supper tickets are requested to make arrangements with other guests, as the desk will be removed from the landing shortly after dancing begins.

As previously announced, the patrons and patronesses will be: Sir Arthur and Lady Currie, Miss Hurlbatt, Prof. and Mrs. F. B. Brown, Prof. and Mrs. E. Brown and Dr. and Mrs. J. A. MacMillan.

Programme.

Extra—One Step.

- 1—Waltz.
- 2—Fox Trot.
- 3—One Step.
- 4—Fox Trot.
- 5—One Step.
- 6—Fox Trot.
- 7—Waltz.

Supper (1st Sitting)

Extras.

- 1—Fox Trot.
- 2—Waltz.

(Continued on Page 2.)

NEW CLUB WILL START TO-NIGHT

"Players' Club" in Arts Building at 5 p.m.

Students who are taking courses in English, particularly in the English drama, are invited to meet this afternoon at five o'clock in Room 7 of the Arts Building to organize the "Players' Club." Officers will be elected and arrangements made for the programme for the remainder of the year. The Club will be under the guidance of the English Department, and will be composed primarily of students taking English courses, but membership of the Club will be open to students in any department of the University who are seriously interested in literature and in the drama and its production.

The Club will have a two-fold object—the discussion of literary subjects of general interest and the production of probably two plays a year. In this latter connection it is clearly understood that the proposed Club is not to be an "uplift" institution. It is rather a means for the intensive study of the English drama, and ought to appeal especially to those taking courses in the subject. As knowledge of technique as well as content can be acquired in no easier or more interesting way.

CASE ONLY THREE DAYS

To-day, Saturday and Monday will see the termination of our January Reduction Sales. To neglect the values which prevail to-day means a loss of valuable opportunity for saving.

To the McGill Man who seeks to replenish some corner of his wardrobe at very advantageous prices, a most excellent opportunity is now open.

Our offerings for the remainder of January include Gloves, Cravats and Collars of the highest quality. In Pyjamas and Shirts you will find apparel to suit the most exacting.

OVERCOATS

\$10

\$39

SUITS

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\$39

507 St. Catherine Street West

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In the Drummond Building

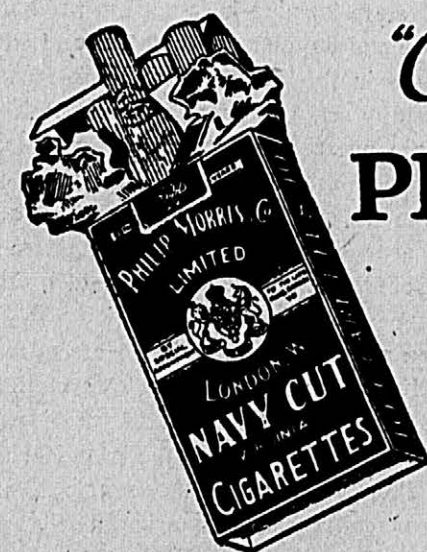
Every Sense will tell You

AT THE UNION DANCE

When the beauty and chivalry of Old McGill foregather—and light-hearted revelry is the order of the evening—

Just watch the fellows in between the dances.

You'll hear them



Call for PHILIP MORRIS' NAVY CUT CIGARETTES

10 for 15 cents

The general and increased use of electrical drive by manufacturing industries of all kinds is the best evidence of its superiority and economy of use above any other source of drive.

Manufacturers located in towns wherein "Shawinigan Power" is available are assured of a steady and dependable supply of electric power and at reasonable rates.

The Shawinigan Water & Power Co.

Power Building, MONTREAL

Where Do You Eat?

Every McGill Man who likes to see a dollar's worth for a dollar. Every man who would like to find a place to eat where he can get good food and courteous attention, quiet and cleanliness, should try

THE PRINCE OF WALES HOTEL

17 MCGILL COLLEGE AVE.
Luncheon, 60c. Dinner, 85c

WHISPERING FOX TROT

Have you secured this record for your collection? Call upon us and hear the latest records, we shall be pleased to play them over to you.

COLUMBIA RECORDS, McLaughlin Phonographs.
INVICTUS PHONOGRAPH CO.
418 ST. CATHERINE WEST, MONTREAL (Opposite Strand Theatre)

And Now That Mid-year Quizzes Are Over

DON'T FORGET

THE VENETIAN GARDENS

Midnight oil and its attendant worries soon fly away to the strains of good music on the best dancing floor in town.

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FRIDAY, JANUARY 28, 1921.

THE "MOCK PARLIAMENT" AGAIN

The announcement, made in another column of this issue, that arrangements are being made for a revival of last year's Mock Parliament will be received with interest. In past years these sessions of the College assemblage have been unfailing sources of instruction and amusement. The idea is a splendid one and offers unrivalled opportunities, not only for practice in public-speaking but also as a means of acquiring a sound knowledge of parliamentary procedure and the various conventions under which our legislators conduct the affairs of the country.

Last year, after an auspicious start, interest in the proceedings flagged considerably. In some measure this was due to the spirit of ultra-seriousness with which some of the principals entered into the undertaking, and the consequence was that the specialized interest of the few led to the greater number being left hopelessly behind and incapable of taking an intelligent interest in the questions under discussion.

This year, we understand, this condition will not recur. No abstruse questions, requiring any particular concentration or research will be brought up. The executive are keeping before them the laudable idea of making the "Lit" a live and popular organization and with this in view, the measures proposed in the forthcoming Mock Parliament will be such as will most readily serve to sustain interest. This does not mean, of course, that the proceedings will degenerate into mere farce, but it is realized that few students have either the time or the inclination to delve into the fields of political research at any length, and by adhering to the orderly parliamentary procedure a maximum of discussion will be obtained on matters of really vital interest to students.

This year the "Lit" has broken all previous records for attendance and enthusiasm, and the executive are entitled to congratulations upon the manner in which they have so far conducted their programme. In past years the Mock Parliament has been uniformly popular and we have little doubt that the three forthcoming sessions of that august body will round out what has been a singularly successful year for the College Literary and Debating Society.

NOTICES

Members of executives and others are requested to look under this heading for notices of all futurities. Each notice is absolutely official. The Editor will not be responsible for errors in articles unless the time and date are written out in full when they are sent in.

"DAILY" STAFF PICTURE.

The News Board of the "McGill Daily" will be photographed at Notman's Studio, Friday, Jan. 28th, at 1.15 p.m. The group is to include the following:
Miss D. S. Barnes.
Miss M. L. Riley.
J. N. Petersen.
R. J. Clarke.
W. F. Macklalar.
W. W. Beveridge.
A. L. Caldwell.
F. H. Walter.
G. M. Cameron.
C. B. Smith.
T. L. Bullock.
Should any of the above be unable to keep this appointment, they are asked to communicate with the office between 1.30-2 p.m. to-day.

The executive of the Athletic Association will meet at Notman's at 12.30 sharp Saturday, January 29th, for the group picture for the Yearbook. Members of the executive are urged to be there sharp on time so as not to keep the others waiting.

POSTPONED.

The photograph of the English Rugby Club which was to have been taken to-day has been postponed until early next week.

LOST.

From Science Building, Keuffle and Escher Slide Rule. Please return to J. T. Quinlan, Science '22.

LOST.

A Kappa Alpha Fraternity Key. If found please return to Porter at the Union.

HIGH SCHOOL DANCE.

There are still a few tickets (\$2.00 a couple) available for the H.S. School Informal Dance which is to be held on Friday, January 28th, at 8.15 p.m. The tickets are on sale, at the High School Office, to the public as well as to graduates. A five piece orchestra has been secured for the occasion. The doors will be opened at 7.45 p.m., and the opening waltz begins at 8.15 p.m. sharp. There may be a few tickets sold at the door if any remain unsold.

The programme for the dance is as follows:

- 1—Waltz.
- 2—One Step.
- 3—Fox Trot.
- 4—Waltz.
- 5—One Step.
- 6—Fox Trot.
- 7—One Step.
- 8—Waltz.
- 9—Fox Trot.
- 10—One Step.
- 11—Waltz.
- 12—One Step.
- 13—Fox Trot.
- 14—One Step.
- 15—Waltz.
- 16—Fox Trot.
- 17—One Step.
- 18—Waltz.

BOXERS AND WRESTLERS.

All boxers and wrestlers wishing to enter the University elimination contests must sign the lists in the Union before 1 o'clock Tuesday, Feb. 1st.

LOST.

A colored silk muffler, between the Library and the Arts Building, Wednesday morning. Finder please return to the "Daily" office, or communicate with S. D. Pierce, Arts '22.

MECHANICAL CLUB.

The annual dinner of the Mechanical Club will be held in the Grill Room of the McGill Union, on Monday, February 7th, at 7.30 p.m. The speaker of the evening will be Mr. H. H. Vaughan, M.E.I.C. Representatives have been appointed to look after tickets in the various years as follows:

- 4th Year—E. B. Maxwell.
 - 3rd Year—E. A. Crawford.
 - 2nd Year—T. L. Bleier.
 - 1st Year—A. L. C. Atkinson.
- The price of the tickets, which will be on sale next week, is \$2.50. Members please note that the date is February 7th and not February 2nd, as announced at last meeting.

ATHLETIC ASSOCIATION.

Members of the Athletic Association will meet at Notman's studio at 12.30 on Saturday to have their pictures taken for the McGill 1922 Year Book.

VARSLITY GAMES.

Tickets for the Varsity Hockey and Basketball games will be put on sale next Monday.

AMERICAN CLUB.

There will be a meeting of the American Club in the Union at 7.30 p.m., Monday, Jan. 31. Every American is expected to turn out so that

we can have a good chat together and make our plans for the rest of the year. It has been suggested that we might have a dance about Washington's Birthday time and we want to hear everyone's opinion on this idea.

Further notice as to the room in which we shall meet will be given in Monday's "Daily," so keep the date open and plan to come. The meeting will only be a short one and we want a big attendance.

HOCKEY PRACTICE.

There will be a hockey practice for the Seniors, Intermediates and Juniors this afternoon from 5 to 6.

WRESTLING PRACTICE.

There will be a wrestling practice in the Union at 5 p.m. to-day.

THE DANCANT.

Students desiring to obtain tickets for the The Dancant in the R.V.C. at 4.30 Saturday afternoon may secure them from Co-eds. Judging from similar functions in the past, anyone expecting keen enjoyment will not be disappointed.

E. T. CLUB.

Members of the E. T. Club are requested not to forget the Townships Dance in Alexander's Hall, Westmount, on Wednesday, February 2nd, at 8.30 p.m.

GONE.

A sterling silver Waltham wrist watch was lost in the Arts Building some time on Wednesday. The owner will be greatly pleased if the finder will turn it in to the Janitor of the Arts Building.

The University Lodge, A.F. & A.M., will hold an Emergent meeting on Friday, Jan. 28th, at 8 p.m., to mark the tenth anniversary of its institution. Masons at McGill will be welcome.

PHILOSOPHICAL CLUB.

The members of the Philosophical Club executive are reminded that a sitting has been arranged for them for Saturday noon, Jan. 29th, at Notman's studio.

VARSLITY GAME.

Tickets for the Varsity game may be obtained Monday at the Union. No reservations will be made by phone.

ARTS '23.

The class picture of second year Arts will be taken on the steps of the Arts Building on Monday, the 31st, at one p.m. All members of Arts '23 are requested to keep the date and time specified in mind.

FOUND.

A latch key on the steps of the Engineering Building. Owner may obtain same by applying to Harry.

SKI CLUB.

Stirling, Sci. '23, will be at the Look-out to-day between three and four to take attendance.

JUNIOR FOOTBALL TEAM.

Junior football picture can now be obtained from the Porter at the Union. Price, \$2.00. There are enough pictures for all whether you signed for one or not.

ARTS '23.

Will the following men be at the Campus Rink at 5.15 p.m. for the hockey game with Dentistry:

- Amaron
- Badger
- Hutcheson
- Craik
- Cantley
- Duval
- Johnson
- Egg

MED. DINNER COMMITTEE.

There will be a meeting of the Medical Dinner Committee at five o'clock to-day.

INTER-CLASS HOCKEY.

The following games will take place this week:

- Friday, 28th.
- 5.15 to 6.15 p.m.—Arts vs. Dentistry.
- 6.15 to 7.15 p.m.—No game.

Saturday, 29th.

- 12 to 1 p.m.—Commerce vs. Science.
- 2 to 3 p.m.—Medicine vs. Dentistry.

The following games have been played this week:

- Monday, 24th—Science '24 defeated Science '23 by 3-1. Med. '23 defeated Med. '25 by 2-1.
- Tuesday, 25th—Comm. '23 defeated Comm. '21-22 by 2-1. Med. '23 defeated Med. '22 by 5-2.

The following teams have qualified for entrance to the Inter-faculty Finals:

- Science '24.
- Dentistry '23.
- Commerce '23.
- Medicine '23.

THE FANCY DRESS BALL.

The annual Fancy Dress Ball of the Architectural Society will be held on Feb. 8th. Tickets for this event may be obtained from members of the Department.

ERSKINE CHURCH.

(Sherbrooke Street West, at head of Crescent Street). Rev. Dr. Hanson, Minister. 11 a.m.—Rev. Principal D. L. Ritchie will preach. Contralto solo—"He that dwelleth in the Secret place of the Most High." (Micah 6:8).—Miss Beatrice Fraser, II. (5-year).

MR. R. J. BLAIR GAVE LECTURE TO ARCHITECTS

"Decay of Timbers in Buildings."

WEDNESDAY NIGHT.

Fine Points of Topic Brought Out in Discussion on Paper.

The Architectural Society met again on Wednesday evening and were addressed by Mr. R. J. Blair on "Decay of Timbers in Buildings." Mr. Blair has seen and photographed, both in Canada and the United States, many instances of decay in timbers caused by the various fungus growths. His address was both interesting and instructive, and was clearly illustrated by the numerous lantern slides which he threw on the screen.

Decay takes place in timbers which are either already weakened by fungus growths before being set in the building, or in which the growth is aided by an excess of humidity in the air near the timbers. One instance of the last was a cotton mill in which a cold water pipe ran for several hundred feet just below the cross beams. This pipe lowered the temperature of the atmosphere in its proximity sufficiently to raise the percentage of the humidity enough to start fungus growths, which in turn decayed the timbers to such an extent that they had to be renewed throughout the length of the building. Another instance which would have produced disastrous effects if not checked in time was a building in which one of the main supporting timbers was resting on the ground as a base. The moisture started decay, and the foot of the pier began to crumble away.

This decay probably attacks roofs more than anything else, as moisture is more liable to work its way in and cause decay. The difference of temperature between the interior and the exterior surfaces, and the consequent varying humidities, creates a situation under which decay progresses very favorably. Mr. Blair disproved the architects' fallacy that a dead air space between the interior and the exterior surfaces would prevent such decay, by showing examples in which decay was as rampant as in any other type of roof. In Mr. Blair's opinion, the most successful roof would be one in which the upper part of the roof (boarding, paper, tar and gravel, etc.) would be of a sufficient thickness to maintain at its inner edge a temperature of 59 degrees under the lowest atmospheric conditions. At this point a water-proofing layer would be introduced and below that the wood boarding would be treated chemically to keep out moisture, and would be of a sufficient thickness to maintain at the surface in contact with the weather-proofing a temperature of 59 degrees under the highest atmospheric conditions.

Another reason for decay setting in is the use of green, unseasoned timber. As a means of overcoming these perfidious growths of fungi, all moisture must be drawn from the timbers and the place in which they are used must be made as dry as possible. If this method of defence fails, the timber after being dried may be treated with mercury chloride. This failing, the building should be wrecked. Timbers which are under water all the time are safe.

Mr. Blair's address was a very enlightening one, and he was heartily applauded by the audience. The discussion afterwards brought out some of the points mentioned above.

THE SPICE O' LIFE.

Tourist (gazing at volcano): "Looks like hell, doesn't it?" Native: "How those Americans have travelled!" — Harvard Lampoon.

If more and better work needs to be done to-day, illustrate the manner of it by referring to the admirable way in which something was done yesterday.

Duet (Contralto and Soprano)—"The Lord is My Shepherd" (Smart)—Miss Beatrice Fraser and Miss Dorothy Lutton. 7 p.m.—Rev. Principal D. L. Ritchie will preach. Soprano Solo—"Oh Divine Redeemer" (Gounod)—Miss Dorothy Lutton. Anthem—"Prayer for the return of rain" (Elijah-Mendelssohn). 3 p.m. Sabbath School. A. E. J. McCreary, organist. Welcome to all services.

On Monday at 8 p.m. a social hour for young people will be held in the Lecture Hall, which students are cordially invited to attend.

The following is the schedule for Gymnasium Classes for the remainder of the week:

- Fri., Jan. 28th (9 to 10 a.m.)—Arts I. (10 to 11 a.m.)—Science I, C and D. Science II, D. Commerce II. (2 to 3 p.m.)—Science II, A and B.
- Sat., Jan. 29th (12 to 1 p.m.)—Med.

PHILOSOPHERS TO MEET NEXT TUESDAY NIGHT

Prof. Mackay, M.A., LL.D., Ph.D., Will Speak.

"HIGHER HUMANISM."

New Professor in Law Faculty Has Had Brilliant Career.

A meeting of the Philosophical Society will be held on Tuesday, February 1st, at Strathcona Hall, at 8.15 p.m. sharp. Dr. Mackay, lecturer in International and Constitutional Law at the Law Faculty of McGill, will speak on "The Higher Humanism."

Professor Mackay is a new addition to the Law Faculty. Before coming to McGill he was Professor of Law at the University of Saskatchewan since 1914. He is a graduate of Pictou Academy and Dalhousie College, where he obtained his B.A. (with high honors in Philosophy). Later he attended Cornell University, where he specialized in Psychology; and finally studied Law at the Dalhousie Law School. He obtained his M.A. in 1898 and was assistant editor of the Philosophical Review in 1899. He became a Fellow in Philosophy in 1900, and was called to the Nova Scotia Bar in 1906.

He practised at the Winnipeg Bar during 1906-10, and was Professor of Philosophy at the University of Saskatchewan, 1910-12. During the years 1912-14 he was Professor of Political Science. Amongst Dr. Mackay's publications are "Hegel's Philosophy of Knowledge," in 1901; "Canadian Nationality," in 1906; also frequent articles in magazines and legal journals on Problems of the Empire and general literary and philosophical subjects.

The Law Faculty of McGill is indeed fortunate in having obtained the services of so learned a lecturer; and although Professor Mackay has been with us only a short time, those following his courses have already become greatly attached to him, owing to his extremely interesting and thorough manner in presenting his lectures.

Professor Mackay will treat this question, "The Higher Humanism," in its relation to world problems.

"Humanism" assigns a predominant interest to the affairs of men as compared with the supernatural or the abstract. The term is specially applied to that movement of thought which in Western Europe in the 15th century broke through the mediaeval traditions of scholastic theology and philosophy and devoted itself to the rediscovery and direct study of ancient classics. The movement was essentially a revolt against intellectual and especially ecclesiastical authority, and is the parent of all modern developments, whether intellectual, scientific or social. "Humanism" has also been applied to the philosophy of Comte in virtue of its insistence on the dignity of humanity and its refusal to find in the Divine anything external or superior to mankind, and the same tendency has had marked influence over the development of modern Christian Theology which inclines to obliterate the old orthodox conception of the separate existence and overlordship of God.

Later types of Humanism start from the point of view that the world is essentially moral in nature, and not merely rational or material. Intellectual categories do not explain all things. "The main propositions of the 'Higher Humanism' may perhaps be stated as follows: The ultimate reality of the world is becoming better, and I, the individual, can help. All evolution is conscientiously created evolution guided by conscientiously conceived ideas, and I, the individual, am one of its conscientiously and conceivably creating units. Perhaps the 'Higher Humanism' means nothing more or less than a philosophical working out of Matthew Arnold's idea of 'The constant pursuit of Personal Perfection'."

A subject such as the "Higher Humanism," treated by Professor Mackay, promises to be highly interesting and instructive, and all students of all faculties, including students of R.V.C. also all others interested, are urged to attend the meeting of the Philosophical Society on Tuesday, February 1st.

DECORATIONS FOR DANCE EXQUISITE

(Continued from Page 1.)

- Supper (2nd Sitting)
- 8—Fox Trot.
- 9—One Step.
- 10—Waltz (moonlight).
- 11—Fox Trot.
- 12—Waltz.

The first manufacture of paper from linen rags has been attributed to the Moors of Spain, at dates ranging from before the 10th century to the year 1470.

MOCK PARLT. SOON TO BE IN SESSION

Organization Meeting Next Tuesday

AT THE UNION.

Intercollegiate Debate at Kingston on the Twenty-First Next Month.

News of exceptional interest has been released by the Literary and Debating Society concerning the Mock Parliament programme and the Intercollegiate debating series. Numerous enquiries had been received ever since the "Lit" halted its programme before the Christmas holidays as to whether the Mock Parliament was going to be held or not. Everyone will be glad to hear that all arrangements have been completed for its opening early in February.

To begin with on Tuesday next, the first of February, a mass meeting will be held in the Union at 5 o'clock. A leader of the Government will be chosen and a leader of the Opposition; the Lit executive will announce its plans and the whole matter will be discussed and gone over. From the word "go" the interest must be keen, a great deal will depend on the choice of leaders.

Generally the programme of the Mock Parliament this year will be as follows: There will be three meetings. The first will be opened with all due ceremony and formality. The second meeting will be sometime in the middle of February, while the third which will take place in early March, will see the renewal of the grand pageant of St. Whiffletree and the delegation from Sims' Corners renewed in even greater glory.

The tone of the political discussion at these meetings will not be heavy or dull. Every attempt will be made to bring it within the reach of the average "lured college man."

As for the intercollegiate debating series. The final meeting to decide the championship will take place in Kingston on the twenty-first. After grandly defeating Varsity here before Christmas the McGill team is getting ready to meet more formidable opponents in Queens, who defeated Ottawa last term.

They are debating the question of judicial appeal to the Privy Council, which gives full sway to their combination of legal knowledge and sublime eloquence. They feel confident, and so might we.

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R. V. C. NOTES

FANCY SKATING.

Mies Sproule will give a fancy skating lesson to-day (Friday) at 2 p.m. The attendance so far has been most disappointing although quite a number signed up. As the fee for these lessons will be collected from all the girls who signed—everyone should attend as many lessons as possible. So all out to-day at 2 o'clock!

EXECUTIVE MEETING.

PREPARING FOR THE CARNIVAL AT DARTMOUTH

The Ski Club Will Hold Eliminations

NEXT WEEK

And Will Meet in Union at 5 p.m. Monday.

During the coming week the eliminations for the team that will represent McGill at the Dartmouth Carnival will be held. Great interest has been taken by the members of the Ski Club who intend participating in these events, and as a result they ought to be very keenly contested. Although they are the trials from which the team is to be chosen, it does not mean that only the experts are eligible. It is hoped that all members of the club who can will take part in these trials.

The arrangements for these have been slightly changed, and the events will take place in this order. On account of the club being unable to procure judges for Wednesday and Saturday afternoons, both the events that require judges will be placed on Wednesday afternoon. This means that the proficiency test and jumping will be held on Wednesday, February 2nd. The members who are participating in these two events will meet at the Park Slide, where the proficiency test will be held. In order that these two may be run off in an afternoon, the proficiency test will start at 2.15 sharp. The proficiency test consists of a right and left Telemark turn and a right and left Christiania turn, also a snow-plow or stemming as it is called, and an S turn on the hill. Immediately this is over the club will adjourn to the Cote des Neiges Jumps, where the jumping will take place. Providing the senior jump is in condition, this event will be held over it. If not, the junior jump will be used.

On either Thursday or Friday, between 5 and 6, the ski dash will be held on the old campus. Details of this will be published at a later date.

The event around which most interest is centering is the cross-country run, which will be held on Saturday afternoon, February 5th. McGill at the present time possesses several of the best cross-country skiers in this part of the country, and this event ought to be very closely contested. It will be over a course ranging from four to seven miles, the exact course to be announced in a few days.

Entry lists will be placed in the Science, Arts and Medical buildings, also at the Union. All those wishing to participate will have to hand in their entries by six o'clock on Tuesday night for Wednesday's events, also for the dash. The list for the cross-country run will remain open till Friday, February 4th, at 6 p.m. All men who wish to participate in these trials must be members of the McGill Ski Club, i.e., be on the nominal roll. Also all men must be medically examined before they can compete.

The team that will go to Dartmouth will be composed of the first two men in each event. It is hoped that every member who can will enter these events, as these trials will be in the form of an inter-faculty meet. Each man will be able to help his faculty get points although he does not win first place. The first three men to count as point winners.

The executive of the Ski Club are glad to announce that skiing at McGill has been recognized as a minor sport. A member can now win his college insignia by winning five points in the Dartmouth or McGill Winter Carnival. The events that will count for points in this respect are, jumping, cross-country, and proficiency test.

The club also wishes to notify its members that there will be a general meeting in the Union at 5 o'clock on Monday afternoon, when other important events will be discussed. It is hoped that every member will turn out.

At the regular morning service at 11 o'clock next Sunday in the Church of the Messiah the minister of the oldest Unitarian Church in the world will be the speaker, the Rev. Gabriel Csiki. His church is in Kolozsvar, the capital of Transylvania, where Bishop Francis David at the time of the Reformation established the first organized Unitarian movement in history. Mr. Csiki will be given a greeting by the Rev. Sydney B. Snow, the minister of the Church, who was in Transylvania for more than three months last spring as head of the Mission of Relief for the Unitarians of America. Mr. Csiki is in America to study methods of church administration in the Unitarian denomination on this continent. He has been on the same mission for five months in England, and has recently come from there.

The Municipal Hall at Leyton, Eng., is let for dances on condition there is no "jazzing."

SCIENCE AND COMMERCE TO BE OMITTED

Where Photos Untaken By Feb. 3rd For Yearbook.

ULTIMATUM TO '22.

Yearbook Going to Press as Per Schedule.

In all the Annuals of the past, by January 28th almost all the editorial matter, and certainly all photographic matter, was in the hands of the printer. Nay, even more—by this time the photographs were well on their way to be made into cuts, a process which takes well onto ten days, for arranging, designing and finishing. At that, as is remembered all too well by the 1921 Annual Board, the Annual was so late in its delivery that its success was blighted and its popularity amongst the undergraduate body very materially depreciated.

To-day is January 28th, and the photographs of the Juniors of '22 are barely under way, the cartoons and title pages are just being thought of by the campus artists, and the editors have been so busy pushing the classes to the studio that they have not as yet had the time to collaborate on any editorial matter. The position as it stands is this: The class of '22 have pledged three dollars from their caution-money all around, and the men have given in the necessary cash deposit. The Managing Board have plans that are not hazy, not mere castles in the air, but definite certainties that will make the '22 Yearbook McGill's first real Undergraduate Review that has ever been published. The financial support of the Juniors is already guaranteed—the sale of the few hundred books that will be placed on the market for the undergraduate body other than the class of '22 will be of short duration, for the Yearbook's appeal will be its own best "booster." This is the biggest year in the history of McGill; the Yearbook is going to be the book to record that year, and be in addition the medium of retrospect of the Centenary of our Alma Mater; it is going to be an undergraduate asset, but the Juniors have got to wake up and do their share.

It is a crying pity that any man who has signed over his pledge-money and given his cash deposit should, by his own negligence, lose his place in the Yearbook. According to the schedule drawn up, any men in Science and Commerce who have not had their pictures taken to date, should forfeit the privilege of appearing in the Yearbook. This was the original intention of the Managing Board. However, as the men have made the plea that examinations and other academic matters have delayed them, the date for Science and Commerce has been extended until February 3rd. After that date the studio will be instructed not to do any photographing for the above faculties for the Yearbook, and the individual pictures assembled will be forwarded to the engravers for the engraving of the respective electors for Science and Commerce. Similarly the final date for the other faculties will be one week later, Feb. 10th.

The Yearbook stands to lose nothing by any Junior's negligence or carelessness—take a note of it, you are the only ones that lose if your picture is not taken according to schedule. The Yearbook won't be delayed—it will go to press just the same, minus that many paid-up Juniors.

The list of those in Science and Commerce who do not appear in the publication unless they arrange for a sitting before Feb. 3rd are as follows:

Science Juniors.

Abbott Smith
Ahern
Bonneville
Brown, L. E.
Brault
Bush
Chorney
Clark, R. D.
Coutler
Dineen
Fisk
Gnaedinger, F.
Griffiths
Grondin
Gualteri
Hamel
Jandrew
Johnston, E. C.
Jue
King
Lorin
Luke
McCallum
McKenzie, D. G.
McLellan, G. R.
McNaughton
Morris
Patterson, K. B.
Perry
Ross, J. H. B.
Rutherford
Schlestein
Stockwell
Taylor, E. P.
Watt, L. A.

SCIENCE '24 WINS AGAINST MEDICINE '23

Spectacular Hockey Seen in Game.

SCORE: 4-0.

Largest Crowd of Enthusiasts This Season on Campus Rink.

In a closely contested struggle, replete with spectacular hockey, Science '24 defeated Med. '23 before one of the largest crowds of enthusiasts seen on the Campus Rink this season. Their victory was largely due to a fast, well concerted attack together with the brilliant work of Decary in goal. The game was fast from the beginning and not at all one-sided as the score would indicate.

The play was clean, only two penalties being imposed, due largely to the work of "Shag," who kept the play well in hand throughout. "Shag" was greatly impressed with the brand of hockey played, and no doubt sized up some of the men favorably as promising material.

Immediately after the face-off play became fast and furious, both teams attacking strongly, but due to the brilliant work of each goal tender many chances to score were lost. After nine minutes of play, McNaughton rushed up the side and shot. Cook cleared, but Morely slammed in the rebound for the first goal. Immediately after, McNaughton fooled Cook with a long shot from the side. With the score against them, Med. '23 tried hard to even up, but Decary, in goal, proved a stone wall. Morely, taking the puck in centre ice, rushed down the side and beat Cook with a shot into the corner of the net. The remainder of the period was scoreless, and Med. '23 being the aggressors.

At the beginning of the second period, Science '24, content with a three goal lead, settled back to play a defensive game. Time and again the rushes of Med. '23 were broken up by the defence of the winners. The prettiest score of the game came after four minutes of play, when McNaughton, securing the puck behind his own nets, stick-handled his way through the entire team, and, after drawing Cook out, scored the last goal of the game. During the rest of the period, Med. '23 fought gamely, but with their opponents playing a defensive game, their attempts to score were futile.

For the winners, Luxen was perhaps the most outstanding star. Morely and McNaughton on the forward line showed fine combination and effective back checking. Decary, in goal, was largely responsible for the score, as he turned aside many shots which looked like sure goals.

For Med. '23, the work of McElligott was outstanding. His speed and stick-handling showed him to be the best man on the ice. The forward line, with Lawson, Parlaw and Mair, worked hard, the back checking of the former being brilliant.

The teams lined up as follows:

Science '24	Med. '23
Decary.....Goal.....	Cook
Thompson.....Defence..	McElligott
Dion.....Defence.....	Ackman
Morely.....Forward.....	Mair
Luxen.....Forward.....	Lawson
McNaughton.....Forward..	Parlaw
Taylor.....Sub.....	Wilson
Racey.....Sub.....	Campbell
Gill.....Sub.....	Bulger
McGillis.....Sub.....	Elderkin

The scoring was as follows:

Science '24—Morely.....	0.00
Science '24—McNaughton..	1.00
Science '24—Morely.....	2.30
Second Period.	
Science '24—McNaughton..	4.00
Referee—Frank Shaughnessy.	
Time-keeper—Gamble.	
Umpires—M. Kern and L. Kern.	

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Stricken Freshman (to pretty co-ed): "You are the breath of my life, Caroline."
Blushing co-ed: "Oh, really? Then see how long you can hold your breath."

Commerce Juniors.

Aaronsen
Burke
Faulkner
Findlay
Frederick
Kerslen
Lenore
Laffoley
Lazier
Lobel
Mitchell, I. E.
Nickie
Reid, E. G.
Simpson, J. R.
Smith, C. P.
Smith, F. G.
Stewart, W. R.
Tomalin
Tyler, A. P.
Conrod
Wallis
Wilson, D. G.

DR. R. SPEER LECTURED TO STUDENT BODY

Plea For Christianity in "Daily Life."

HALL FILLED.

Sir Arthur Currie Was Chairman—Enlightening and Interesting Address.

Last evening Dr. Robt. E. Speer addressed some three hundred students in Molson Hall on the subject of "Life Service." Principal Sir Arthur Currie, acting as chairman, introduced the speaker telling in a few well chosen words the world fame of Dr. Speer.

Dr. Speer was the first layman to obtain the degree of doctor. He has been a leading star in the work of foreign missions of the Presbyterian Church in the States, while his popularity and success in student affairs has been marked, and he is claimed by not only the Americans as their leader and friend but by all countries alike the world over.

The keynote of Dr. Speer's instructive and glowing message was "for men and women in every phase of life to put more Christianity into their everyday actions."

He started by stating that it is not the organization and constitution of an institution which is the deciding factor, but the men behind. He followed this statement up with a concrete example, as he did his every saying.

"The crying need of to-day," said the speaker, "is for men of character to act as leaders, men who will be a support for other good men to lean upon in all times." He pointed out that there are countless honors awaiting medical missionaries among the three hundred million Chinamen or other Asiatic races. In this connection he broached the question of the yellow peril of the East, where in China their civilization has been back-sliding for some time. He spoke of the interest taken by certain Western European countries to develop the Orientals in their economic Christianity. The solution of this peril, which is bound to happen in the years to come, lies in the hands of the white nations of to-day to treat squarely and fairly and to help the down-trodden Easterner to his feet. This applies not only to the Chinese portions of Asia. Some years ago people regarded the Asiatics as running in absolutely different directions to the whites, that each would follow its own course independently; but this is not going to be the case, there is bound to be a junction somewhere and this generation is going to enhance that junction for better or for worse, and who more so than the students the coming leaders of the several countries.

In India there are three hundred and fifty million of people who have been bettered under British rule for a century and a half, races who have of late become restless and at times show a very hostile spirit to English interests. This is partly due to the lack of application of practical Christianity in every-day life and also partly due to the scarcity of medical missionaries and evangelists. "Surely this is a challenge to every true born Britisher, to rectify the misunderstanding," said the speaker.

The student starting out to apply these rules, to replace "World Laborhood" for "World Brotherhood," is up against a hard world, and at times a devilish world. Dr. Speer ended his very interesting discourse, which seemed to have but scarcely started, by leading up to his final object in his own unflinching way. He showed that a man needs to lose his life to find it or that the young hero who recently lost his life near Ottawa in the ice-covered river in attempting to rescue a drowning person, did not waste his life, for it was a thrilling example for others. He explained the Biblical meaning of the term of the planted seed which need die in order to grow and bore fruit. Lastly he told all present that it was not wasting a life, not losing a career, to stand for Christian principles or by devoting one's sojourn on earth as a missionary.

There was a decided sincere mood common to all, a feeling which seemed to have a marked influence upon every attendant and which the Principal in his closing words of thanks to our honored guest described as "extremely timely and which had not gone to deaf ears."

GEOGRAPHICAL REVERIE.

There's a place in northern Greenland
Where there is no twelve o'clock
There's a place in Northern Greenland
With no chaperones to shock
Beyond the seas
Where all things freeze
Fair eskimoes
Spoon with their beaus
Throughout the six months night—
Oh boy, that
Six
Months
Night!

College Clippings

Stanford University.

On a ground that was sodden by weeks of rain, the Stanford University Rugby squad finished up the last game of its holiday tour in Canada with a hard earned victory against the Victoria team. The Rugby was of a sterling kind.

The first half found the Californians pressing continuously and their extra speed enabled them to score 2 unconverted tries with this score against them. The Victoria fifteen used every effort to break through the Stanford defence, and while they were successful in keeping the university boys in their own half for practically the entire period, they were unable to get over the line, and in a sudden break away by the whole forward line the Californians again got in the far corner, making the score at the finish 9 to 0 in their favor. On the Stanford team were six members of the Olympic championship fifteen.

University of Washington.

At the University of Washington the junior men have adopted old clothes and Stetson hats as the distinctive garb for their class. The hats will be worn for two years with the addition of a leather band next year as the senior designation.

The women have chosen purple ribbons for fountain pens, with gold filled "22" clasps as their distinctive feature of "dress."

University of North Dakota.

A leap year dance was held recently at the University Armory at the University of North Dakota. The dance was one of the annual social affairs, and was given under the auspices of the Women's League.

University of Vermont.

A signed communication to the student publication of the University of Vermont protests against the practice of smoking in college buildings. The writer alleges men have also been seen smoking in the chapel.

University of Washington.

The enrollment at the University of Washington for the autumn quarter is 5,314. This is the largest enrollment over, and means that west of the Mississippi River, Washington has the largest enrollment of any other college except Minnesota and California. Including the summer and extension enrollment, the enrollment is 7,200.

Fifty per cent. of the enrollment is from Seattle. It appears from the number of graduate students enrolled that Washington University is destined to become one of the largest graduate schools in the Northwest.

University of Oregon.

The University of Oregon, under the direction of the Oregon Tuberculosis Association, is attempting to raise \$45,000 in the sale of Red Cross Christmas seals. The drive will last only one day, and each student is asked to come on the campus with a dime in his pocket to spend on the seals. The proceeds will be spent in Oregon to fight the white plague.

University of Utah.

The University of Utah passed an amendment to the honor constitution recently which virtually kills the honor system. The amendment leaves to the discretion of the professor whether or not he shall remain in the classroom while his students are taking an examination. The honor system failed because some of the professors absolutely refused to leave the room.

Oxford University.

For the first time in its history of 900 years, Oxford University has conferred degrees on women. The women graduates wear the same hoods as the men, but the classical mortarboard cap has been ruled out in their cases and a new cap, shaped something like a bishop's mitre, has been specially designed for them.

Cambridge now remains the only

English university which withholds degrees from women.

Louisiana University.

Gov. John M. Parker of Louisiana estimates that \$12,000,000 will be given to the new Agricultural College of Louisiana State University with the revenue from the severance tax. The student body will do much of the construction, and will be paid full wages for the work.

The curriculum will include courses in study of soils, stock breeding and the raising of sugar cane. There will be a fine sugar experiment station and a branch for research.

Harvard University.

The system of examination for which Harvard has worked for years has at last been adopted by the authorities of that university.

The new system was started in one division of the university, that of history and economics. This department adopted the requirement that every man concentrating in any one of these subjects in this division should take a general examination in the whole field before the conclusion of his senior year.

University of California.

At the southern branch of the University of California in Los Angeles, the Freshmen women are also initiated into college life. All first year women are required to wear green arm bands and obey all regulations of the university. As a penalty if they fail to do this, the upper class women put a sack around them, do their hair up in some ridiculous fashion and parade them around the campus.

A profit of \$210 is shown by London's underground electric railways for the half-year ending June 30.

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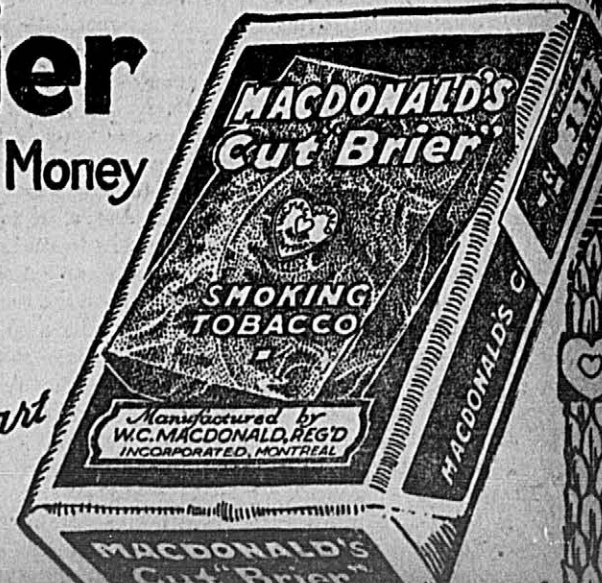
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MINING SOC. ADDRESSED BY MR. W. CARLYLE

Speaking on Rio Tinto
Ores.

VERY OLD MINES.

Worked By Romans—Bought
From Spain by English
Company.

Last night the Mining Society had the opportunity to hear Mr. W. A. Carlyle speak on the "Mining of Copper Ores at Rio Tinto." Mr. Carlyle is a graduate of Mining '87, and still thinks his Alma Mater is the best yet. Mr. Carlyle was for some years manager of the mines at Rio Tinto. Shortly before the war he resigned from this position to become a Professor of Mining at the Royal School of Mines, London, Eng. When the war broke out he offered his services to the Government, by whom he was sent to Canada to organize the British American Nickel Company.

Mr. Carlyle would have liked to have spoken on his work of the last three years, but was unable because of the lack of illustrations to accompany the lecture. His work in Canada consisted of developing a mine whose ore reserves were known by exploration with a diamond drill, and which had a shaft down to a depth of 700 feet. He had to design a system of mining, a smelter and a refinery, and then to market the nickel and copper produced. In the first three he was very successful, as was shown by the reports of three competent examining engineers. However, the market for all metals is bad, and there is to-day enough nickel and copper on the market to last the world a year.

Speaking on Rio Tinto, Mr. Carlyle said that Rio Tinto was the largest and most up-to-date mine in the world. In the same province and close together are the Rio Tinto, Tarsus and San Domingo mines. All the ores are similar and are developed by the same system.

The chief ore is cupriferous iron pyrites. At the surface this is altered to limonite or hydrated iron oxide. Deeper down we get pyrite with chalcocite, and just on top of the iron pyrites is a bed of lead carbonate containing precious metals, and varying from two to ten feet in thickness. The iron pyrites is used largely for the production of sulphuric acid, and 2,000,000 tons are exported annually to be used in this industry. Some sulphide is sold as crude copper ore, some is smelted at the smelter, and some is laid in huge heaps for leaching.

The demand for the iron pyrites was very great in past years, but has fallen off since the discovery of the sulphur deposits in Louisiana and Texas.

Mr. Palmer, another McGill graduate, had charge of the underground workings, and on his advice one of the best electric plants used in mine operations was installed. Since then, Mr. Palmer has done much work with open cast mining at Rio Tinto, and has published the results of his work.

The Romans worked the mines for 400 years. On the Tarsus they had a spiral shaft sunk to a great depth. Up this spiral the slaves carried the rich ore in baskets. These early miners knew where to find the valuable ore, and removed only the very rich portions. All their mining was done by fire-setting, which was a very primitive method, and yet they drove tunnels over two miles long, and sunk shafts over 500 feet deep. Their pumping arrangements were most ingenious. They had a series of twelve-foot water wheels with buckets on the periphery. These buckets dipped into a trough at the bottom and emptied into another at the top, and so the water was raised by 12-foot steps to the surface. Other evidences of their occupation are ropes and bronze implements, and some square sets to hold up the roof.

In the year 409 the Moors drove the Romans out, and the mines went into disuse. In the sixteenth century the Spaniards drove the Moors out and periodically worked them from 1790 to 1820, when an English company bought the property for \$10,000,000. This company immediately set out to build a pier on the Rio Tinto River and to develop the mines sixty miles away. It was on this same pier that Columbus built the ships which he sailed for America.

The climate is sub-tropical, being rather hot in summer but delightful in winter. The company has established a rest resort of twelve houses at the beach for the use of the English-speaking employees.

Six hundred men are employed around the pier and workshops. The pier always presents a busy scene, about three ships being loaded at the same time and about twelve waiting in the roadstead.

The pier is sixty-five miles from the mines, to which it is connected by railroad. Stations are situated every seven miles, so that trains loaded with ore coming down may pass

trains of supplies going up to the mines. Most of the ore bodies lie along the contact between the quartz porphyry and shales of lower carboniferous age. Some other deposits are found in the eruptive rocks, and still others in slates of Silurian age.

The company has two internment hospitals for cases of smallpox. Any case of this sickness in the district is immediately taken charge of by the company.

Most of the mining is done by open cast methods. In places 20,000,000 to 60,000,000 cubic metres of overburden have been removed to get at 60,000,000 tons of copper ore. The trains enter the bottom of the pits by a long tunnel and move up to the working faces by spiral tracks. The open casts are worked in spiral benches. All the loading was done by hand. But now at the Tarsus mine the overburden is stripped by steam shovels and the ore is loaded in cars by boards carried on the heads of boys or women. The steam shovels are run by Spaniards, and are used only in the new open casts. These men take good care of the machinery, so that they can keep on at slightly better pay. The men, once working for the company, expect to stay there for life, and would rather serve a term of imprisonment than leave.

Formerly all underground mining was by the room and gallery method, but of late years the ore is mined in slices and the surface is allowed to cave in and follow the ore down.

Ten-ton cars are used for haulage on a 3 ft. 6 in gauge track. These small cars were found to be preferable to the larger ones used in the American iron mines. The men start to load their number of cars at about sunrise, and are through working by noon.

The ore is kept absolutely clean, and is piled in heaps two metres thick. The ore becomes heated to 100 degrees F. in the sun, and is then oxidized to the sulphate. The sulphates are then leached up with water. After about five years of this process the copper content of the ore is reduced to about 0.15 per cent. of copper. The liquors are used over again until they become saturated with the sulphate salts. These liquors are then passed through fine pyrite and the ferric sulphate will be reduced to ferrous sulphate. The solutions then pass through launders containing pig iron, when the copper is precipitated and the iron goes into solution.

The copper is then shovelled out and washed to separate the sludges and sulphides from the copper, which is about 95 per cent. pure. The sludges are briquetted and sent to smelters, while the copper is sent to the refinery in Wales. Before the war, refined copper could be produced for five cents per pound by this method.

Much sulphate copper is also produced for use in the vineyards of Europe. The sulphate used to be crystallized directly from the mine waters and liquors from the leaching piles. Now pure copper is produced, and is then converted into sulphate by sulphuric acid. The sulphate is dissolved in boiling water and is crystallized out on lead strips, after which it is bagged for sale.

The former method of treating high grade ore was to roast in heaps and then smelt in blast furnaces. Any waters from the roast yards go to the precipitation launders. When installed, the blast furnaces and copper converters were the 'argest in use. In late years the roast yards have been abandoned and signs of plant life are beginning to show.

The meeting closed with a vote of thanks to Mr. Carlyle for giving such an interesting address.

WORK BEGINNING FOR WICKSTEED

Van Wagner Coaching Gymnasts for Competitions.

The Gymnasium Club has been very fortunate in securing the services of "Van" as coach and instructor. Wednesday night saw the beginning of the work on the Wicksteed, when Van Wagner and Paul Scott introduced some of last year's men and several new arrivals to the apparatus work for this year's competition. The movements were found to be somewhat simpler than last year's, which gives a better chance to those who are not specialists in apparatus work.

An Intercollegiate Gymnastic Meet is now assured, and work will be commenced on it to-night. Paul Scott, Carl Forbes, Weiner and Gabor are expected to turn out, and there will be great rivalry between these old-timers and the newer members of the club for places on the team. The work of the Wicksteed has been arranged so that it will fit in with the work for the Intercollegiate team, and men will be able to practise for both at the same time.

The impression seems to exist that the Wicksteed competition is for apparatus work only. This is far from being the case. More than half the points are awarded for running, vaulting, drill and simple gymnastic dances, so that the competition calls for all-round athletic ability. No man with average gymnastic experience should hesitate to enter it, generally



AN APPEAL FOR MODERN LANGUAGES.

In these days of competition and strenuous endeavor, it is fundamental that knowledge be much more than a hobby or a mental exercise. The measurement of a man's education is merely the results obtainable in the employment of this increased knowledge to the advantage of himself and fellow men.

As in the arts and sciences in general, this is true of foreign languages. Language is an instrument of utmost importance to man, and may be considered an index of the degree of mutual human understanding and co-operation. Conversely, its absence is a paramount cause of misunderstanding and conflict, both between individuals and between nations. Hence as international intercourse and trade have become so extensive, one would expect that the knowledge of tongues of other nations would have increased accordingly.

That such is not the case is strikingly shown among English-speaking peoples. Even prime ministers and national presidents at the recent Peace Conference required the aid of interpreters to converse together even in council.

What then is the reason for this ignorance of other tongues? The answer has been given that the learning of these languages is difficult and burdensome, and requires considerable time. But a considerable amount of our school hours are spent at present in the learning of languages of one kind or another, and why then do we not possess this knowledge?

It is well known that a large number of uneducated immigrants are able to speak several languages. I know of one Roumanian laborer in this city who has a working knowledge of seven European languages, and he has had extremely little of our so-called education. The advantages thus placed in the hands of these foreigners are seen every day. The acquiring of a foreign language has been made difficult in our schools and colleges. Great stress is laid on the peculiarities of syntax of ancient Greek, Hebrew and Latin and other bone-dry literary and

grammatical curiosities, until the student is driven from desperation and fear of failure to the actual memorizing of passages from defunct classics and their English translations. I know students who can recite from the Odyssey page after page, and who could not ask for a piece of toast in some Quebec restaurants, nor read the bill-posters of their own town. They can translate chapters of Moliere and even medieval French literature, yet cannot read the French Canadian newspapers. And modern French is the language of this province, and these students will be up against it daily in every phase of life. If we were free to spend our days in the mysteries of the Talmud, a knowledge of the language of the prophets would possibly be a pleasant pastime.

It is argued that classical literature is instructive and elevating above the common herd. It is—but too far above. But the literature of Italy and India, of Germany and China, is fully as interesting and instructive. It tells us something of the life of mankind to-day, and hence is more likely to interest and stimulate a school child than the ravings of Virgil and the wanderings of Ulysses.

But there is another and more important aspect to the question. Consider trade, rightly called the life of nations. Canada is bound to Great Britain and to the United States, and is a barometer of their market conditions, largely because English is her only tongue. A knowledge of Spanish would aid greatly in establishing contact with the immense commercial possibilities of Central and South America. To the average Canadian, the latest advances in art and applied science in France, Germany and Italy are locked up. The medical progress of Germany is more or less a closed book. A knowledge of Arabic would open vast fields in Egypt, Arabia and India. Hinduism means vastly more to the Englishman in the matter of possibilities than the beauties and intricacies of Sanskrit.

Surely a practical knowledge of a foreign tongue will do much to bring about that understanding and sympathy between nations that is so much needed to-day. E. H. A.

McGILL WINS VICTORY IN CITY LEAGUE

(Continued from Page 1.)
rock team and netting McGill's third goal.

Gallery scored the fourth count at the start of the third period, when he skated around from behind the net and caught Lukeman off his guard. Shamrock made desperate attempts to score after this, and in a pretty piece of combination Musgrove scored the Irishmen's only goal.

During the remaining moments of the game, the McGill team-work was sterling and further scoring seemed inevitable. Lukeman's work was equal to the task, however, and the game closed with the score still at four goals to one.

Line-up was as follows:
McGill Shamrock.
Timmins.....Goal..... Lukeman
Cully.....Defense..... Campbell
Goddard..... "..... Musgrove
Behan.....Forward..... Deblens
Dineen..... "..... Davins
Gallery..... "..... Shink
Davis.....Subs..... Spriggins
Brewer..... "..... Heffernan
Referees—Slater and Heney.

SUMMARY.
First Period.
1—Behan.....McGill..... 8.00
Second Period.
2—Cully.....McGill..... 6.00
3—Goddard.....McGill..... 13.00
Third Period.
4—Gallery.....McGill..... 3.00
5—Musgrove.....Shamrock..... 4.00

The first game of the evening between Westmount and St. Ann's resulted in a win for the former. The winners piled up a huge lead which their opponents could never approach. The final score of 17-3 about indicates the relative merits of the teams.

McGill's first intercollegiate game takes place here on Feb. 5th against Varsity. A City League fixture with Loyola on the Thursday previous to the game will, if the efforts of the McGill men are successful, be postponed. This should give the Red and White a far better chance against the strong Varsity outfit.

as the apparatus work has been considerably simplified this year.

It is hoped that a large number will turn out at to-night's practice in the High School Gymnasium to go over the work, and at the same time try out for the McGill Gymnasium Team.



NEAR-LAWYERS DEFEAT FROSH.

Law '21 and '22 Win Law
Hockey Finals 6-2.

Last night the combined years of Law '21 and '22 defeated the legal Freshmen by a score of 6 to 2 in a scheduled Inter-Class Hockey League fixture. While no sensational hockey was displayed, the game was fast throughout, the Seniors winning on their merits. The latter also had the advantage of being able to replace their regulars with numerous subs., and Manager Joe Harold used rare judgment in handling his team.

For the winners, O'Halloran in goal did all that was required of him, and Hibbard and Wilson checked hard and close. Gordie Nicholson, Chisholm and Ryan started the game, and were relieved at intervals by a substitute forward line consisting of Marion, Lafleur and Ritchie. For Law '23, Taylor between the sticks was a trifle uncertain of himself, but Johnson and Lidstone played a strong defence game.

With consistent practice, Law '21 and '22 should be able to give a good account of themselves in the playoffs. They have some excellent material to work on, and Manager Harold is supremely confident of their ability to win.

The teams follow:
Law '21 and '22 Law '23
O'Halloran.....Goal..... Taylor
Hibbard.....Defence..... Johnson
Wilson.....Defence..... Lidstone
Nicholson.....Forward..... Martin
Chisholm.....Forward..... Smith
Ryan.....Forward..... Robertson
Spares—Law '21 and '22: Lafleur, Marion and Ritchie. Law '23: Callahan and Laliberte.

EVEN A SHARK!

An American, sailor who had taken part in the war, had taken the pains to have quite a bit of tattooing done on his body. After the war was over his ship had been ordered to southern waters, and while anchored down there some of the sailors went swimming, among these our hero.

They had been swimming around for some time and, unobserved by them, a shark was sizing them up to decide which one would make a good lunch. He finally decided on our tattooed friend, and was getting in position to bite when his eyes happened to see writing on the body. The shark looked more intently and made out the picture of an American eagle, with the legend neatly tattooed underneath: "We one the war."

The old shark was amazed and finally dived under. As he was going down he was heard to mutter: "My God, I can't swallow that." — Manitoban.

Says Trucks Freight As Much As Railways

H. W. Drew, Eastern manager of the Packard Motor Company with headquarters at Detroit, addressed the Kiwanis Club at the regular noon hour luncheon, on the subject: "The Motor Truck."

Discussing the place of the truck in the development of industry, Mr. Drew maintained that as a factor in transportation, the motor forms one of the basic factors of all industry. Production without adequate means of delivering its products to the point where it is consumed, would be futile. The present organization of civilization would be impossible without the aid of various transport agencies.

Referring to the various modes of transportation a general classification of four divisions was suggested, by water, by rail, by animal drawn vehicles and by the motor truck. Comparison of the field of these various agencies showed that in the U.S. the available highways open all the year round considerably exceeded the total length of railway lines. The tonnage carried last year by motor trucks in the U.S. was approximately half as large as that handled by the railways.

Transportation by means of horses was conceded by the speaker to be more economical in a certain field dictated largely by light loads and short distances. The advantages of the motor truck lie in its greater range of distance, greater speed, heavier loads, regularity of service and adaptability to many conditions of road and weather.

Opposition of railway companies to the growing transportation by means of truck is fast diminishing, stated Mr. Drew. The railway companies are looking upon the truck rather as an auxiliary than as a competitor. Exhaustive experiments have been made which show that freight can be more economically moved distances up to 100 miles by truck than by the railway.

Advocating better road facilities, Mr. Drew concluded with an appeal for greater co-operation between railway companies, manufacturers and motor car companies with the authorities responsible for maintaining the highways. "It is not good cities that make good streets," he said, "but good streets that build up the cities."

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